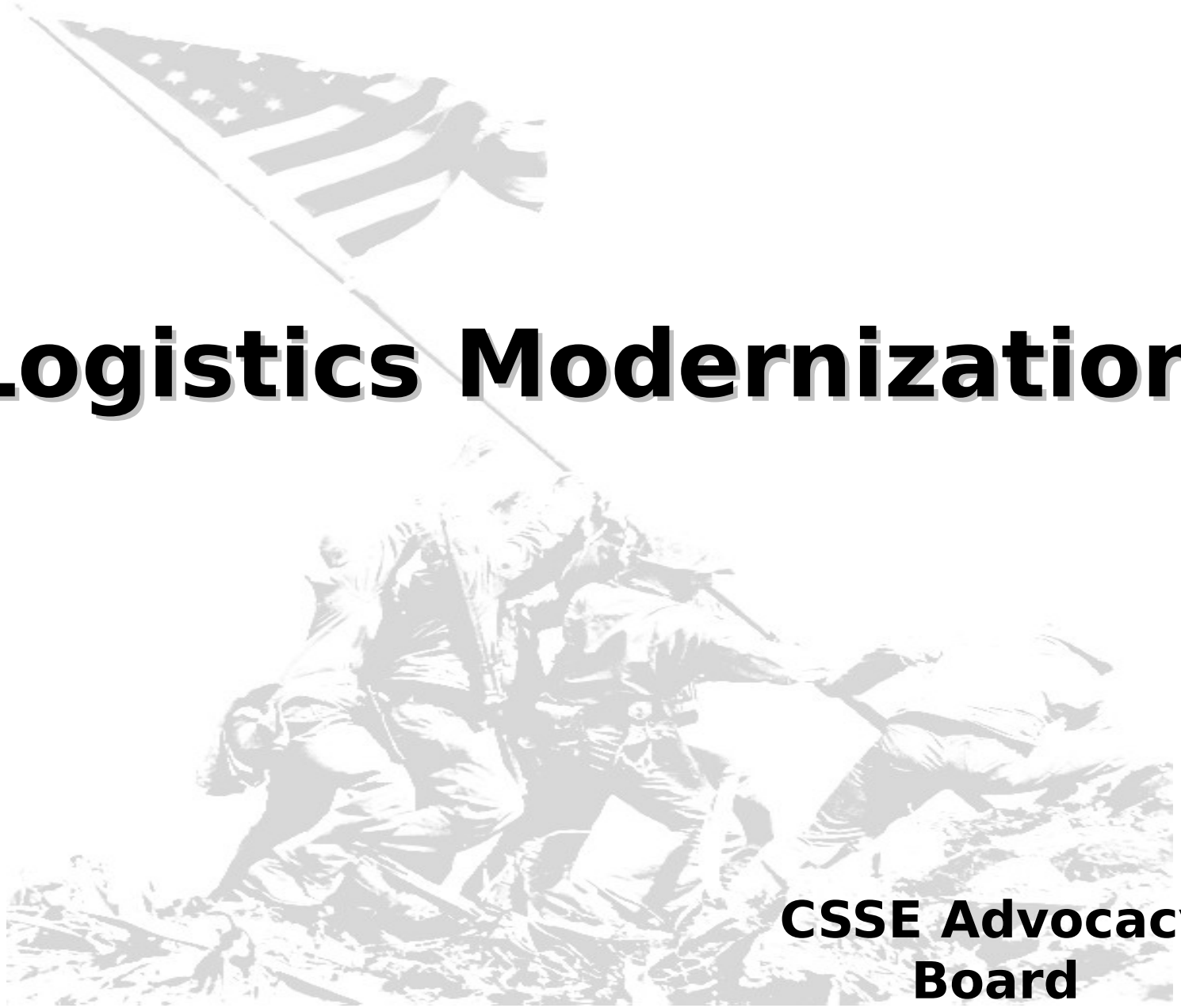


Logistics Modernization

CSSE Advocacy Board

Dec 2003

Overview

- Imperative for Change
- Approach to Solution
- What’s Been Done?
- OA and GCSS-MC
- Log Modernization Initiatives
- Current Direction

Imperative for Change

- Processes weren't integrated, outdated and marginally effective
- No integration of logistics functions
  - Duplicative maintenance process
  - Distribution Management
  - Inventory Management
- No real change despite the revolution in logistics performance in the private sector

Imperative for Change

- 240+ logistics systems that do not support MAGTF operations and requirements
- Based on old technologies that aren’t supportable in the future.
- Logistics systems are not integrated, interoperable, nor financially viable

Approach to solution

- 1998/1999 USMC initiated and developed recommendations for logistics modernization – approved by ACMC.

- Identified IT was a needed solution but not THE solution

Approach to Solution

- ACMC-approved initiatives:
  - Re-engineer logistics IT/Streamline Acquisition
  - SecRep and 4th EOM Management to LogCom
  - Move 2d/3d EOM to the Intermediate level
  - Move selected supply functions to the intermediate level
  - Establish USMC academic alliance
  - Establish a logistics strategic alliance

What's Been Done?

- Determined new processes (Operational Architecture – OA)
  - Integrate functional areas
  - Establish requirements for IT solution.
- Realignment of Maintenance (ROM)
- Realignment of the Supply Function (RSF)

What's Been Done?

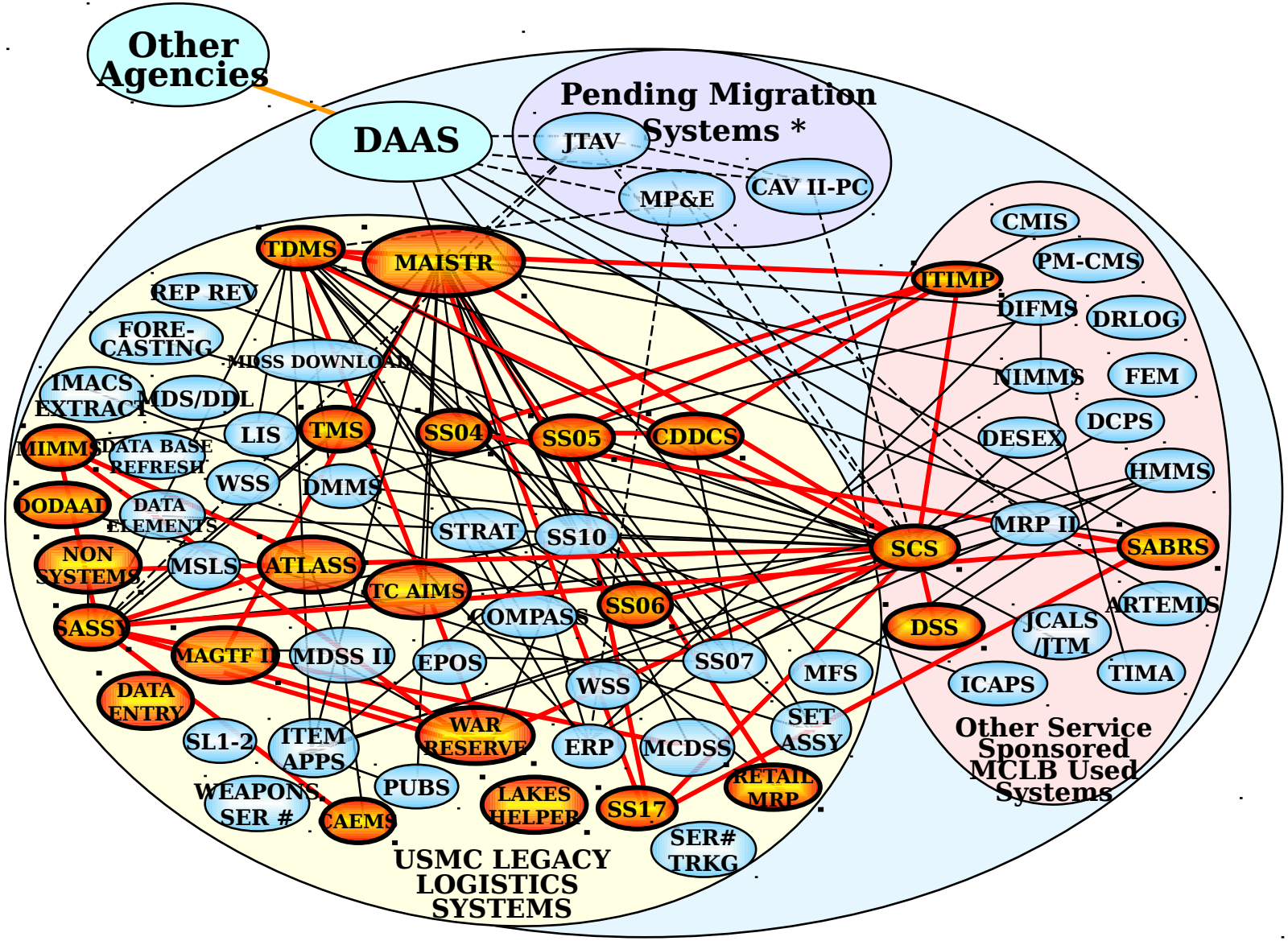
- Established a framework for logistics education
- Proof of Concept, 2d FSSG
  - Early validation of logistics modernization concepts.

Logistics Architecture and IT

Similarity of IT Portfolios to the Winchester House

- They start small and focused
- Under continuous development with numerous enhancements, interfaces, and add-ons
- Huge budgets
- Different technologies and formats
- Obsolete reports
- Incompatible data
- Redundant capabilities
- ***No blueprints for systems, data, and technology***

USMC Winchester House



* Interfaces still under assessment

The Logistics Operational Architecture

- The “sand table” for logistics modernization
- Establishes habitual relationships, standard functions and processes
- Facilitates integrated CSS
- Addresses C2 needs
- The key to implementing change through the EFDS
- Provides the functional foundation (requirements) for the IT solution

What is GCSS-MC?

- The family of logistics systems that provide IT capabilities to execute MAGTF CSS functions in expeditionary, joint, and combined environments
- Deployable solution: *With a MAGTF, anytime… anyplace…*
- Based on the Log OA and ORD

IT Development Plan

- Identify the right IT solutions based on requirements from the OA.
- Acquire and configure the software, implement in phases
  - Block 1: Replace ATLASS, SASSY, MIMMS
  - Block 2: TBD--Log C2, Distribution, Ammo, TAV
- Work toward a shared data environment throughout the Marine Corps and DoD.

GCSS-MC Status

- Program of record - 1 Oct 03
- GCSS-MC ORD JROC approved - Sept 03
- GCSS-MC requirements documentation completed
- Retired legacy systems (approx 35 so far with 80 pending)

GCSS-MC Road Ahead

Target: IOC 2005-06 to replace ATLASS, SASSY and MIMMS

- RFP for software (Nov 03)
- Industry Day (Nov 03)
- Software Selection Board (Jan 04)
- Software selection (Feb 04)
- Integrator selection (Apr 04)
- Block 1 Implementation (TBD-05/06)

Log Modernization Initiatives

Realignment of Maintenance

L E V E L S O F M A I N T E N A N C E

Organizational | **Intermediate** | **Depot**

Majority of 2d EOM tasks → .

4th EOM rebuild tasks → .

- **No special skills, tools, training**
- **Dynamic document**
- **Processing changes to TM's/notifying OpFors**

- **Tech Maintenance**
- **Expeditious component repair**
- **Align garrison & Battlefield capability**

- **Source SECREP maintenance requirements beyond IMA capability**
- **Effective mgmt of suppliers**
- **Enterprise-wide economies of scale**

1 & 2 | **2, 3 & 4** | **4 & 5**

E c h e l o n s o f m a i n t e n a n c e

Realignment of Maintenance

- TECOM: Conduct ITS assessment/ CCRBs
- SYSCOM: Perform Task to TAMCN analysis
- HQMC: Revise/update policy
- MCCDC: Process UNS through EFDS

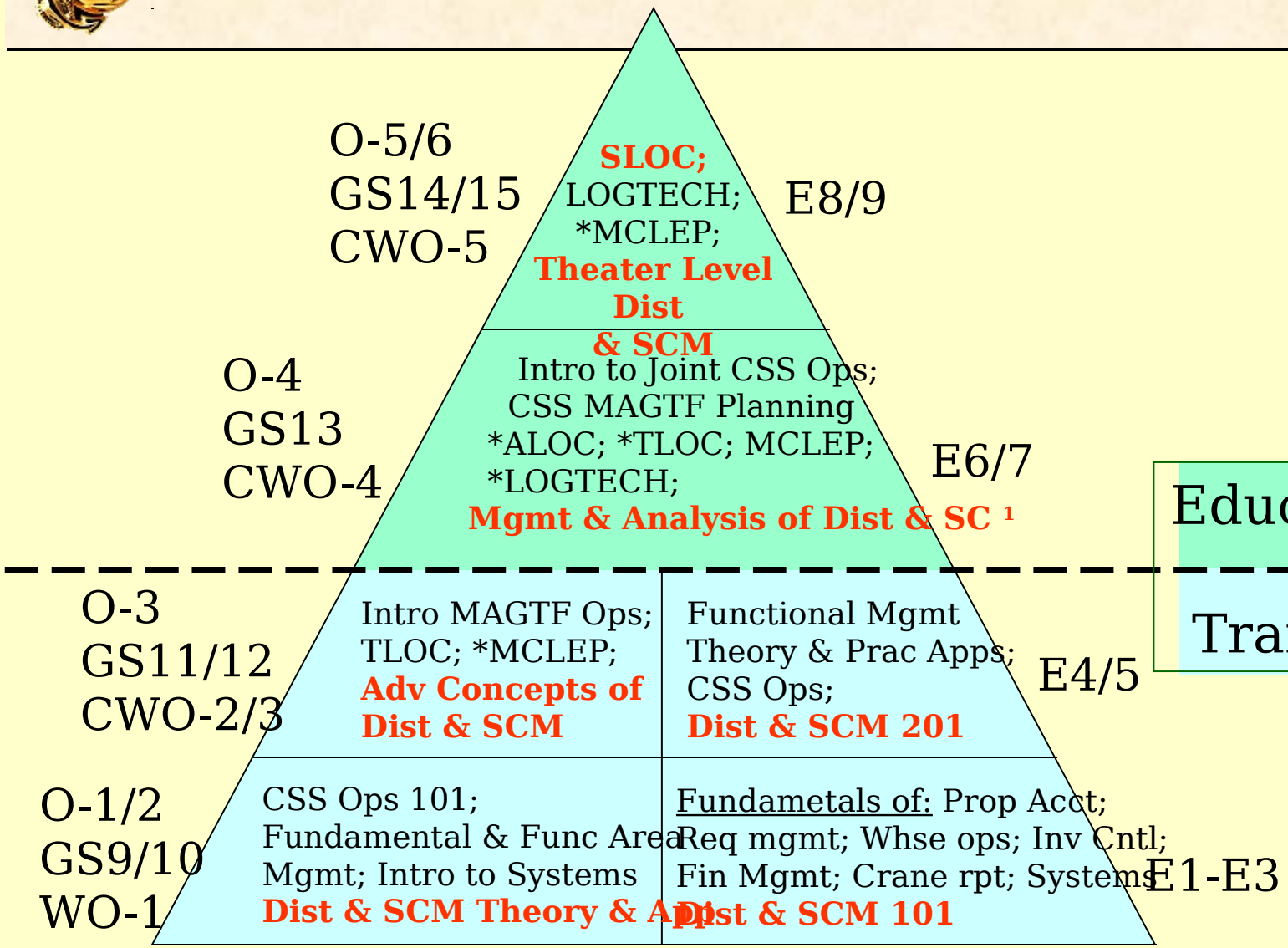
Realignment of the Supply Function

- Centralized Procurement Mgmt-Supporting Unit Responsibility
- Distribution Mgmt-Supporting Unit Responsibility
  - Delivery and Automated Receipts Process
  - Centralized Receiving Process (inbound shipments)
  - Establishment of MDC (distribution capacity mgmt)
- Fiscal Mgmt-Supporting; Visibility-Supporting Unit Responsibility
- Centralized Inventory management-Supporting Unit Responsibility
  - Class 2 (CTEP, NBC Clothing Inventory) moved to 5th element
  - Personal Effects moved to 5th element
  - Merging Class 3 & 9 inventories between SMU/ISSA-DSSC

Logistics Education

- Convened Logistics Education OAG to
  - Provide vision of Log Education
  - Revise Log Education Continuum
  - Address changes to MOSs (e.g., 0402, 3002)
  - Address implementation of revised POIs within TECOM
- Continuing aggressive education
  - PSU, UNC, MCLEP, ALOC, TLOC
  - Fellowships

Proposed T&E Pipeline



Note 1- Must have completed "Adv Concepts of Dist & SCM

Current Direction

- Institutionalize Change
  - Deliver OA to MCCDC (DOTMLPF process)
    - Engage TECOM
  - GCSS-MC is now a Program of Record (1 Oct)
    - SMEs (10) on board in Summer 04
  - Policy Change of 5 EOM to 3 Levels
  - Engage III MEF and I MEF ***too!***

Current Direction

- Lay the Groundwork for Future Change
  - Turnover the Quadrant Model to LOGCOM
  - Facilitate/support MEF Change Mgt Efforts
    - Logistics OAGs
    - Include MEFs in key decisions/policy changes
  - CSSE Organizational Issues on the Horizon
    - GS/DS and how it fits the OA
    - Habitual Relationships
    - Address the OA

Current Direction

- Communications Plan: “Greening” the LEI message
  - ***Not*** a “People Grab” or “CSS Migration”
  - ***Not*** a “Cookie Cutter” Approach (2d FSSG)
  - Effectiveness ***over*** Efficiency
  - Inventory ***is*** important (critical quadrant)
  - Translating the OA for Napoleon’s Corporal
  - Updating old ILC Web Site
  - New Briefs for Flags, AOs, NCOs, Beltway

Questions?

Current Direction

- Engagement at all Levels
  - DC I&L to MARFOR CGs
  - Director LP to Critical “Disciples”
  - LPV (all of I&L) to Operating Forces
  - New initiatives
    - End to End Distribution
    - Naval Integration
    - MAGTF 4th/5th Element Integration
  - Contractor Support (tactical level day to day)

MEF Engagement

- III MEF
  - Product Working Group Support
  - Proposed Initiatives to MEF Log OAG f/review
- II MEF
  - Support Working Groups
  - Identified initiatives at working level
- I MEF
  - Post MSTP Senior Mentor Assessment
  - Future I&L team visit

***Key: Facilitate Desired Initiatives, *not a "Cookie Cutter" Approach*

Logistics Chain Functions

- **(Rapid) Request Management**: Function of generating and approving supported unit requests.
- **Order Mgt (Logistics Task Order)**: Function of receiving, coordinating, tasking, and tracking supported unit orders (requests) through to fulfillment.
- **Capacity Mgt (CSS Estimate)**: Function of managing, optimizing, prioritizing, and planning resources and capacity to fulfill supported unit orders.
- **Production Mgt/Execution (Tasking CSS Resources)**: Function of coordinating, planning, tasking, controlling, and execution supported unit requests
- **Logistics Chain Planning**: Function of planning the execution of anticipated supported unit requests

CSSE Operational Relationships

GS Relationship

FSSG

DS Relationship

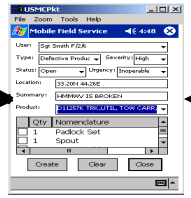
RLT

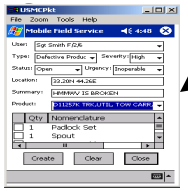
Estimates of Supportability

- **Maintenance**
- **Engineer**
- **Inventory**
- **Distribution**
- **Procurement**

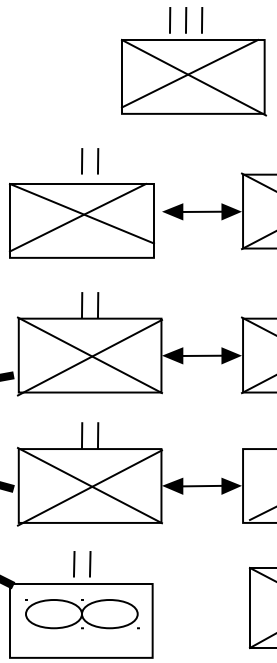
Logistics Task Order

CSS





Portal



With OA and GCSS - MC

- Supported unit Visibility of all request.
- Expedited management of CSS request by Supporting Unit
- Expedites CSS Estimate of Supportability

Request Sequence

- Supported Unit submits Rapid Request to Supporting Unit.
- DS CSS unit Evaluates Request, Task Organic means or request support from other Organic DS/GS assets.
- GCSSs provides status and tracks support to requesting units.